



United States Department of the Interior

U.S. GEOLOGICAL SURVEY
 Washington Water Science Center
 934 Broadway, Suite 300
 Tacoma, Washington 98402
 (253) 552-1600 • FAX (253) 552-1581
<http://wa.water.usgs.gov>

August 27, 2014

Ms. Shirley Kook
 Senior Engineer
 Lewis County Public Works Department
 2025 Northeast Kresky Avenue
 Chehalis, Washington 98532-2626

Dear Ms. Kook:

Enclosed for your review and signature is a fixed-cost Joint Funding Agreement (JFA) for the operation and maintenance of the cooperative streamgaging program between the USGS and the Lewis County Public Works Department (County) for federal fiscal year 2015 (October 1, 2014 – September 30, 2015). A detailed description of the program is provided in the enclosed table. The total fixed cost of this program is \$102,360, of which the County's share is \$44,430.

If this agreement is acceptable to the County, please sign both copies of the enclosed JFA and return one copy to the address above. Also, please complete the customer contact information on page two of the JFA. PLEASE NOTE: Only funds contributed by the USGS Cooperative Water Program and by the County are included in the totals on the enclosed JFA. In order to continue operation of these gages, the USGS will need a signed agreement no later than October 1, 2014.

The USGS will bill you quarterly, in four equal amounts. For billing purposes, the USGS uses Department of the Interior, Down Payment (Bill) Request, form number DI-1040. If you have questions regarding billing, please contact Sheila Loyd, Budget Analyst, at (253) 552-1656 or smloyd@usgs.gov. The USGS has TIN number 916001351 on file for Lewis County. If this number is incorrect, please contact Sheila Loyd with the correct number.

For your information, the USGS DUNS number is 093640092.

It is understood that the results of this work will be available to the USGS for publication and use in connection with related work. In addition, the USGS may provide unpublished USGS data or information to your office for scientific peer and (or) courtesy review during the course of this jointly planned activity and partnership. Guidance concerning USGS's non-disclosure policy will be provided with any review material and is further explained in USGS Circular 1367, *Fundamental Science Practices*, available at <http://pubs.usgs.gov/circ/1367/pdf/C1367.pdf>.

RECEIVED

SEP 03 2014

LC PUBLIC WORKS

If you have any questions, please contact Ken Frasl, Western Washington Field Office Chief, at (253) 552-1670 or kefrasl@usgs.gov; or Marijke van Heeswijk, Assistant Director, Washington Water Science Center, at (253) 552-1625 or heeswijk@usgs.gov.

Sincerely,

A handwritten signature in cursive script that reads "Cynthia Barton".

Cynthia Barton, Ph.D., L.G., L.H.G.
Center Director

Enclosures

cc:

Ken Frasl, Western Washington Field Office Chief, USGS WAWSC, Tacoma, WA

Marijke van Heeswijk, Assistant Director, USGS WAWSC, Tacoma, WA

USGS - Lewis County Public Works Dept. Cooperative Streamgaging Program, October 1, 2014 - September 30, 2015

USGS Station No.	Station Name	Lewis County Public Works Dept.	USGS National Streamflow Information Program (NSIP)	USGS Cooperative Water Program (CWP)	Discount*	Total	Remarks
WESTERN WASHINGTON FIELD OFFICE (TACOMA), 253-552-1670							
12020000	Chehalis River near Doty						
	Streamflow discharge		\$18,930			\$18,930	
	Precipitation, air temperature		\$2,390			\$2,390	
12020525	Elk Creek below Deer Creek near Doty						
	Streamflow discharge, 7 months	\$6,620		\$3,536	\$884	\$11,040	
12020800	South Fork Chehalis River near Wildwood						
	Streamflow discharge, 7 months	\$6,620		\$3,536	\$884	\$11,040	
	Precipitation, 7 months	\$1,390				\$1,390	
12021800	Chehalis River near Adna						
	Stage with real-time data transmission, 7 months	\$4,490				\$4,490	Originally, it was proposed that this station would measure streamflow discharge throughout the year. However, on August 11, 2014, the USGS was notified that the new bridge to which the gage would be mounted would be delayed. As a result, the gage will continue to collect stage only on a seasonal basis for now.
12024000	South Fork Newaukum River near Onalaska						
	Streamflow discharge, 7 months	\$6,620		\$3,536	\$884	\$11,040	
	Precipitation, 7 months	\$1,390				\$1,390	
12024400	North Fork Newaukum River above Bear Creek near Forest						
	Streamflow discharge, 7 months	\$6,620		\$3,536	\$884	\$11,040	
	Precipitation, 7 months	\$1,390				\$1,390	
12025000	Newaukum River near Chehalis						
	Streamflow discharge		\$18,930			\$18,930	
12025100	Chehalis River at Wastewater Treatment Plant at Chehalis						
	Stage with real-time data transmission, 7 months	\$4,490				\$4,490	
	Precipitation, 7 months	\$1,390				\$1,390	
14226500	Cowlitz River at Packwood						
	Real-time data transmission via telephone	\$710				\$710	Streamflow discharge with priority real-time data transmission is funded by Lewis County PUD and a Tacoma Power-USGS partnership
14231000	Cowlitz River at Randle						
	Real-time data transmission via telephone	\$710				\$710	Streamflow discharge with priority real-time data transmission is funded by Lewis County PUD
14238800	Cowlitz River at Toledo						
	Stage-discharge rating	\$1,990				\$1,990	
TOTAL		\$44,430	\$40,250	\$14,144	\$3,536	\$102,360	

*The discount is a percentage of the USGS Cooperative Water Program funds applied to this gage. It results from a change in USGS administrative procedures and does not affect the percentage of the cooperator contribution to the gage cost.

Form 9-1366
(Oct. 2005)

U.S. Department of the Interior
U.S. Geological Survey
Joint Funding Agreement

Customer #: 6000000714 FY15-A
Agreement #: 15WNWA04900
Project #: 97229EU
TIN #: 916001351
Fixed Cost Agreement ☒ Yes ☐ No

FOR
WATER RESOURCES INVESTIGATIONS

THIS AGREEMENT is entered into as of the 1ST day of **OCTOBER 2014**, by the U.S. GEOLOGICAL SURVEY, UNITED STATES DEPARTMENT OF THE INTERIOR, party of the first part, and the **County of Lewis**, party of the second part.

1. The parties hereto agree that subject to availability of appropriations and in accordance with their respective authorities there shall be maintained in cooperation a **fixed-price agreement for the operation and maintenance of streamgaging stations in the Chehalis and Cowlitz River Basins**, herein called the program. The USGS legal authority is 43 USC 36C; 43 USC 50; and 43 USC 50b.
2. The following amounts shall be contributed to cover all of the cost of the necessary field and analytical work directly related to this program. 2(b) includes In-Kind Services in the amount of \$ **N/A**.
 - (a) **\$14,144** by the party of the first part during the period
OCTOBER 1, 2014 to SEPTEMBER 30, 2015
 - (b) **\$44,430** by the party of the second part during the period
OCTOBER 1, 2014 to SEPTEMBER 30, 2015
 - (c) Additional or reduced amounts by each party during the above period or succeeding periods as may be determined by mutual agreement and set forth in an exchange of letters between the parties.
 - (d) The performance period may be changed by mutual agreement and set forth in an exchange of letters between the parties.
3. The costs of this program may be paid by either party in conformity with the laws and regulations respectively governing each party.
4. The field and analytical work pertaining to this program shall be under the direction of or subject to periodic review by an authorized representative of the party of the first part.
5. The areas to be included in the program shall be determined by mutual agreement between the parties hereto or their authorized representatives. The methods employed in the field and office shall be those adopted by the party of the first part to insure the required standards of accuracy subject to modification by mutual agreement.
6. During the course of this program, all field and analytical work of either party pertaining to this program shall be open to the inspection of the other party, and if the work is not being carried on in a mutually satisfactory manner, either party may terminate this agreement upon 60 days written notice to the other party.
7. The original records resulting from this program will be deposited in the office of origin of those records. Upon request, copies of the original records will be provided to the office of the other party.

8. The maps, records, or reports resulting from this program shall be made available to the public as promptly as possible. The maps, records, or reports normally will be published by the party of the first part. However, the party of the second part reserves the right to publish the results of this program and, if already published by the party of the first part shall, upon request, be furnished by the party of the first part, at costs, impressions suitable for purposes of reproduction similar to that for which the original copy was prepared. The maps, records, or reports published by either party shall contain a statement of the cooperative relations between the parties.
9. USGS will issue billings utilizing Department of the Interior Down Payment (Bill) Request (form DI-1040). Billing documents are to be rendered **QUARTERLY**. Payments of bills are due within 60 days after the billing date. If not paid by the due date, interest will be charged at the current Treasury rate for each 30 day period, or portion thereof, that the payment is delayed beyond the due date. (31 USC 3717; Comptroller General File B-212222, August 23, 1983).

**U.S. Geological Survey
United States
Department of the Interior**

**Name of Customer
Lewis County**

USGS Point of Contact

Customer Point of Contact

Name: Ken Frasl
Address: USGS/WAWSC
934 Broadway, Suite 300
Tacoma, WA 98402
Telephone: 253-552-1670
Email: kefrasl@usgs.gov

Name:
Address:

Telephone:
Email:

Signatures

Signatures

By Cynthia Barton Date 8-27-14

By _____
Date _____

Name: Cynthia Barton, Ph.D., L.G.,
L.H.G.
Title: Director, USGS Washington
Water Science Center

Name:
Title:

By _____ Date _____

By _____
Date _____

Name:
Title:

Name:
Title:

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U.S. Geological Survey
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**U.S. Geological Survey
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**Name of Customer
Lewis County**

USGS Point of Contact

Customer Point of Contact

Name: Ken Frasl
Address: USGS/WAWSC
934 Broadway, Suite 300
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Telephone: 253-552-1670
Email: kefrasl@usgs.gov

Name:
Address:
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Email:

Signatures

Signatures

By Cynthia Barton Date 8-27-14

By _____
Date _____

Name: Cynthia Barton, Ph.D., L.G.,
L.H.G.
Title: Director, USGS Washington
Water Science Center

Name:
Title:

By _____ Date _____

By _____
Date _____

Name:
Title:

Name:
Title: